Recovery Card (RC-A)

User Manual

Chapter 1 Introduction
Function:

1. Supports almost of the latest motherboards (including Intel 915, 925) and other branded computers.

2. Supports different Hard Drive capacity and specification. It only supports all the partitions in the first HDD; it does not affect the consecutive Hard Disk.

3. Supports Multi-boot software, such as System Commander, PQMagic and so on.

4. Supports DOS/Windows 95/98/ME/NT/2000/XP/2003. It does not require the drivers to be installed in DOS/Windows 95/98/ME.

5. Provides different recovery modes (Recover in every boot, timed recovery, Manual recover), Timed Recovery, you can set the recovery time from 0-99 days.

6. Provides open mode. The system administrator can install all kinds of software at random. It is not necessary to remove or take out the cards. It can save time and be more convenient.

7. Provides three kinds of startup pictures: Hide startup picture, Hotkey prompt and Custom picture.

8. Plug&Play, does not occupy any space from hard disk and recover in less than 3 seconds.

9. Save data function (Save the current status of the hard drive). Users can save useful data at random, and do not need to worry about data lost.

10. It will automatically prevent virus infection and destruction under Protected Mode.

11. It also prevents Disk Manager tools and low level formatting to ruin you Operating System.

12. Quick installation just needs 3 seconds.

13. Provide CMOS protecting and recovery function, it can prevent low format writing the HDD I/O directly.

Chapter 2 Preparation Before Work

1. Open the package, and check whether the card is perfect. If you find that the card is damaged, please return it immediately to your corresponding dealer,

2. If you have installed the older version or similar product, please uninstall and remove its driver first.

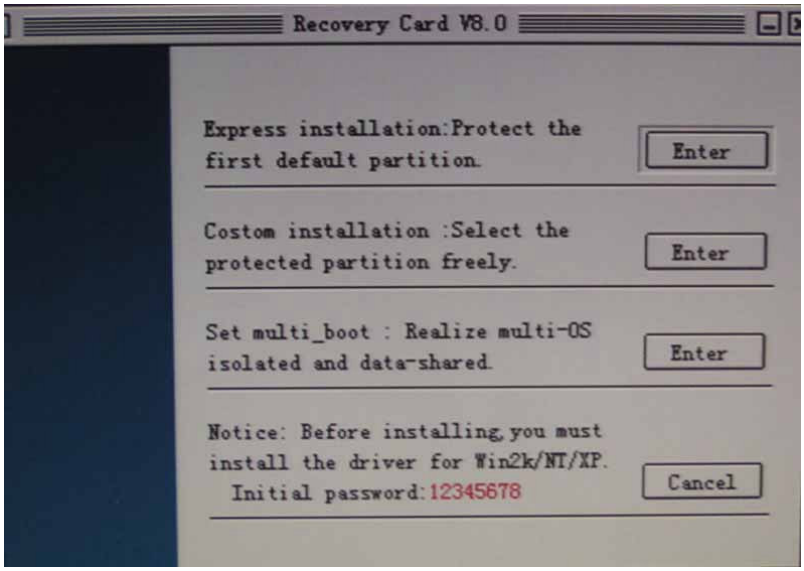
3. We strongly recommend you to run "Scandisk" program first, to check whether the hard disk has errors and repair it, and run hard disk regroup or disk defragmenter to reorder the data of hard disk.

4. We strongly recommend you to clear up the virus in your computer, and backup all the useful data, application programs and operating system.

5. If the operating system you're using is Windows Me, 98, 95 and below it is not necessary to install the driver. If you use Windows NT, 2000, XP, you need to install the driver before installing the card.

6. Select a free PCI slot, insert the card vertically, and please confirm the direction of the card and its stability. Usually press "DEL" or "F2" to enter CMOS setting when boot. Please set the first boot from "Network" or "LAN" in the BOOT option.

7. Restart computer again, the computer will automatically detect the card and display the following interface:



Note: 1) You must not use the HDD which has been installed with the recovery card as source disk for Norton Ghost. If you want to run Norton Ghost, please uninstall the card first. 2) It only supports all the partitions in the first HDD; it does not affect the consecutive Hard Disk.

Chapter 3 Install

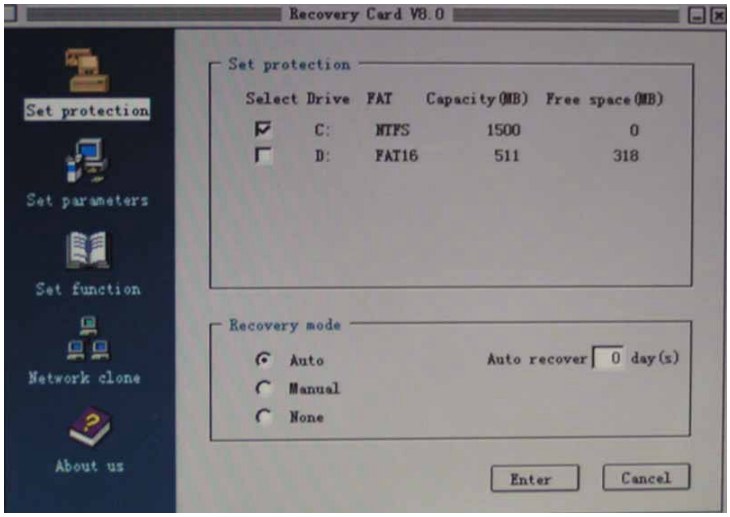
1. Quick installation: You only need to press "Enter" key, it will install the card using the default setting. After you have installed, you will have the following functions: It only protects the first partition C: It will recover C: partition every boot, the default password is: 12345678.

2. Custom installation: You will enter the parameter setting interface, the user can set the configuration according to their needs. We recommend you to modify the password this time. The detail parameter setting, please refer to Chapter 4. After you have finished setting configuration, please select "OK" to restart the computer.

Chapter 4 Parameter Setting

After finishing installation, please restart the computer. Please press "Home" before entering Windows, and press "Home" to enter the correct password. You can enter parameter setting interface, you can use the arrow keys Up/Down, Left/Right, Space bar and Tab key to select the kinds of parameter setting.

Space Bar: Switch the status of check box, for example, if you want to select one partition to be protected or unprotected, you can use the Space Bar.
Tab key: Switch between setting blocks.
Up/Down, Left/Right: Switch between parameter settings.
1. Normal setting:



1) Select protected partition: You can select again the partition that you want to protect. You must have a second partition, so that it can load temporary files, documents and other data while you are in a protect mode.

2) Work mode: You can set the recovery mode of data by yourself.

Recovery mode: When you set the auto recovery time as 0 day, the data will be recovered every time you boot. If you set the time from 1 to 99 days, the computer will be recovered to the status, when you set protection, in the time you appointed.

Keep mode: It means manual recovery. The HDD data will not be recovered every time you boot, when you want to recover data, you just need to press "Ctrl+R" when boots.

Open mode: In this mode, the recovery card will not protect any data in hard disk, as if there was no recovery card installed. All the data changed will be saved permanently.

3) Uninstall recovery card: After you have uninstalled the recovery card, the card will not protect the data of hard disk, uninstall driver and tool software while in the operating system.

Note:

1) please do not insert or take out the card before uninstalling the recovery card, although it will not affect the data recover. We strongly recommend not to do that, in order to prevent reinstallation of recovery card in the same hard disk. 2) Do not take out the card when the computer is "On", in order to prevent damage to the computer hardware or card. 3) After you have uninstalled the card, the computer will recover the default data once again without any prompting, so you have to pay attention to save the newly added files, in order to prevent data loss because of its recovery operation.

2. Advanced setting:

1) Modify Password: You can modify recovery card default password (12345678) to any new password.

2) Startup picture display: This setting decides the interface of recovery card every time you boot.

Startup picture stays time: This setting decides the startup picture stay time when it boots.

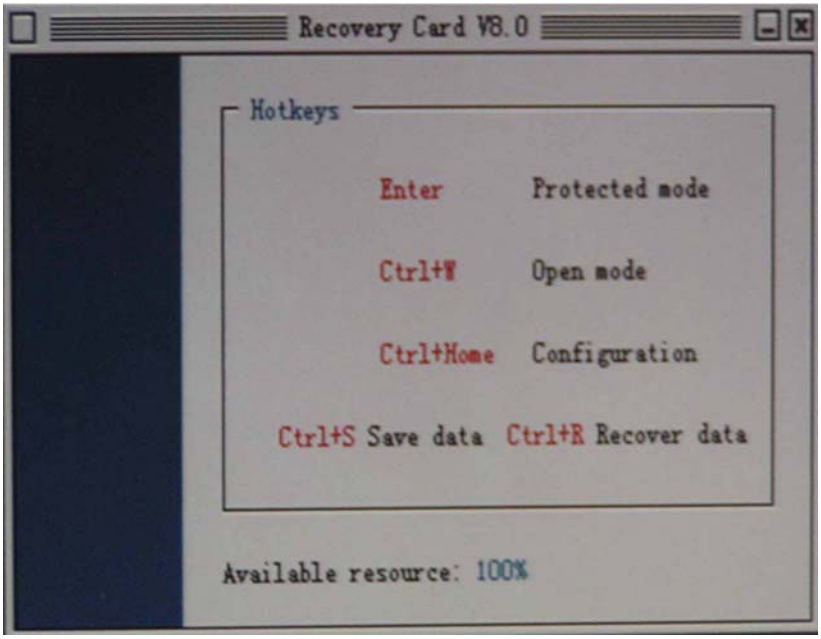
Display self-made picture: You can make a clear color picture, and rename it as "flash.bmp". (Note: The picture must be "800x600"pixels and 24 bits), and save the picture under the root directory of C: partition. Then the system will display this picture every time you boot. (Note: This function can only support 32MB or above graphic card, and the graphic card must be separated.)

Hide, no display: There is no information displayed, it seems that the recovery card has not been installed.

3)Buffer data management: All the changed data will be saved in the buffer space under protect mode. If you want to save the data of buffer space, then this data will be save permanently. It is equal to save data mode. The hotkey is: Ctrl+S. If you want to clear the data of buffer space, it is equal to recovery mode, the hotkey is: Ctrl+R.

Chapter 5 Hotkeys

Hotkeys operation: You can press the following keys to operate the card before enter operating system.



Chapter 6 Q and A

1. Why can not the system recognize the card?

1) Check the setting of CMOS. Please set the first boot from "boot" Or " Network". 2) If you have installed the recovery product before, please press "Home" after the computer. checking itself. Maybe you have installed the card and hide the interface of recovery product before. 3) Open Cabinet, please check whether you have inserted the card into PCI slot correctly, or you can take off the card, and insert it in another free slot. 4) When the computer prompt " Hard Disk failed!". It means that you do not connect the hard drive well, the CMOS has not recognized the card ,or the first boot or second boot is not hard drive. Please connect the hard drive again, and set the first or second boot as hard drive in CMOS setting. 5) If it prompts " Hard drive written errors, please turn off computer and check. "The reason is that you do not connect the hard drive well or the parameters of hard drive in CMOS is error. Please reconnect the hard drive or CMOS scan hard drive again.

2. Why does it always prompt "Restore CMOS" every reboot?

When you use " CMOS automatically recovery", when the card inspect that the data of CMOS has been modified, it will prompt" Restore CMOS, and recover after press keys. If still prompt the above information, it means that you do not backup the CMOS parameters before setting CMOS recover, please press " Ctrl+Home" when it prompts " Restore CMOS", please enter four bits password and press " Enter"(For example, passwords is "1a2b3c4" , you just need to enter "1a2b", and press " Enter" if the password is " 1a", you just need to enter "1a".). If your password is correct, it can temporarily forbid CMOS recovery, and go on restarting, then press "Home" key to enter the parameters setting of maintenance card, then select " Backup CMOS data", the card will analyse.the temporary dynamic cell and backup CMOS again.

3. Before finishing first time installation, it prompts " FAT Error or can not support" or Recommend to run disk defragment first".

This kind of problem often appears when they the computers have been used for a long time and then install the maintenance card. Please make sure to run disk defragment for protected partition before installing the card. One is to improve the system speed, the other is to provide more free dynamic space for the card, in order to reduce the occupied buffer space. Note: Disk defragment should be run when the card is removed or in open mode.

4. Insert the card to PCI but not installed or after installing but can not boot operation system, it will appear: " Starting Windows..." message.

The reason is that you set the CMOS virus version as " Enable", please change it to " Disable". It is OK.

5. The system can not be protected by card.

1) If your Operation system is Win 2000, XP, NT, please check whether you have installed the driver of the card.
2) Enter configuration of the card, to check whether the recovery mode is what you need.
3) Enter the protect configuration of hard disk, to check whether you have select the partition that you want to protect.

6. After uninstalling the card, why I can hear several beeps when enter Win 2000/XP/NT?

It means you do not uninstall the driver of the card, please run the driver of Setup.exe and select " Uninstall" to uninstall it.

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